

Model 65785

JUMBO UNIVERSAL REMOTE CONTROL



INSTRUCTIONS AND PRECAUTIONS

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**SAVE THESE INSTRUCTIONS. READ ALL
PRECAUTIONS AND INSTRUCTIONS.**

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For technical questions or replacement parts, please call 1-800-444-3353.

Revised Manual 09I

SPECIFICATIONS

Batteries Required	(2) AA 1.5V Batteries
Dimensions	11" L x 5" W x 3/4" Thick

UNPACKING

When unpacking, make sure the item is intact and undamaged. If any parts are missing or broken, call Harbor Freight Tools at the number shown on the cover of this document.

INTRODUCTION

The Jumbo Universal remote control can operate up to eight types on devices, including; TV, VCR, DVD, Satellite. You may need the remote.

IMPORTANT SAFETY INFORMATION

Use Precautions

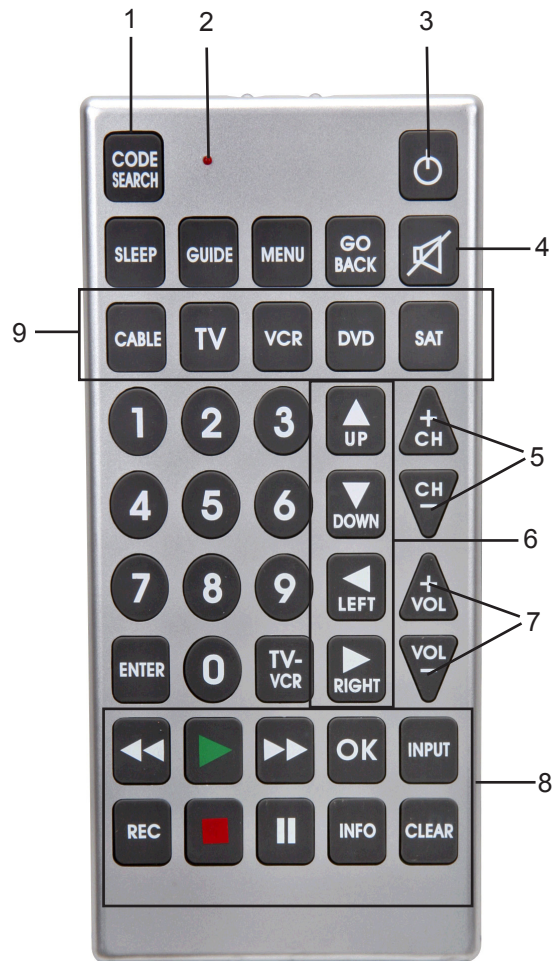
1. This product is not a toy. Do not allow children to play with this item.
2. Position batteries in proper polarity and do not install batteries of different types, charge levels, or capacities together.
3. Use for intended purpose(s) only.
4. Inspect before use; do not use if parts are loose or damaged.
5. Maintain product labels and nameplates. These carry important safety information. If unreadable or missing, contact Harbor Freight Tools for a replacement.



Read the ENTIRE IMPORTANT SAFETY INFORMATION section above before set up or use of this product.

BUTTON DISCRPTION

Part	Description
1	Device Code Search Button
2	LED Indicator Light
3	Power Button
4	Mute Button
5	Channel Up/Down Controls
6	On Screen Navigation Button
7	Volume Controls
8	Device Controls
9	Device Select Controls



BUTTON FUNCTIONS

CODE SEARCH: Used to program the remote or to search through codes.

LED INDICATOR LIGHT: The LED flashes to show that the remote is working properly. Please note: The LED Indicator Light will activate whenever a button is pressed and will deactivate when the button is released. The LED Indicator light will also blink when codes are entered into the Remote.

ON/OFF BUTTON: Operates the same as your original remote. Some RCA, GE and ProScan models require you to press the device button to turn on the unit and press the remote ON/OFF button to turn it off.

SLEEP: Allows you to set a time for you to turn off your device automatically.

GUIDE: Brings up the on-screen TV program guide, if your TV has that feature.

MENU: Brings up the Main Menu. If you already have the menu system, press SELECT to choose a highlighted choice.

GO BACK: Allows you to go to the previous channel.

MUTE: Mutes volume on TV.

CABLE, TV, VCR, DVD, SAT: Used to select the device you want to control.

0-9 NUMBER BUTTONS: The number buttons operate the same as on your original remote and are used to enter device codes.

ENTER: Used to complete channel selection for some brands of TV.

TV/VCR: Operates the TV/VCR function of your VCR.

NAVIGATION BUTTONS: Used to move though on screen menu and guide. With some DBS models up and down. On some DBS models the info Button should be used to select the highlighted item.

VOLUME BUTTONS: Increases or decreases the volume.

CHANNEL BUTTONS: Increases or decreases the channel numbers.

REVERSE, PLAY, FORWARD, REC: These buttons are for DVD/VCD/DVR use and operate the same as your original remote. You must press the RECORD button twice to start recording.

INFO: Shows the date and the time if your TV or VCR has that feature.

CLEAR: Removes the on screen display to return to normal viewing.

BATTERY INSTALLATION

1. Remove the battery compartment cover from the back of Remote.
2. Install (2) "AA" batteries, making sure to install according to indicated polarity.
3. Slide battery compartment battery over batteries and snap into place.

OPERATING INSTRUCTIONS

For TV only (direct entry)

1. Find your brand and code in the lists on pages 7 and 8 and follow the steps below.
2. Press the Code Search Button (1) until the LED Indicator turns on. Then release the button.
3. Enter the corresponding 3-digit code. After a valid code entry, the LED Indicator turns off. In case of an invalid code entry, the LED will flash.
4. With the unit (TV, DVD) on, press the Channel Up Button (5). If the TV responds, no further programming is needed. If it does not, try another code listed from your brand.
5. Use the chart below to record your codes for easy reference.

TYPE	UNIT	CODE
TV		
VCR		
SAT		
DVD		
CABLE		

6. If the unit does not respond after trying all the codes listed for your brand, do a manual code search by doing the following steps.

For TV Only (Direct Entry) Continued

7. Manually turn on the unit to be controlled.
 8. Press and hold the Code Search Button until the LED stays on. Release the Code Search Button.
 9. Point the Remote at the unit and press the Power Button until the unit turns off.
 10. If the unit does not turn off, press the Channel Up Button repeatedly until the unit changes the channel.
 11. Once the unit is fully functional, press and release the Mute Button (4) to save and program the code.
 12. Test all other buttons on the Remote to verify they work properly.
 13. **Please note:** When the Remote is set and no keys have been pressed for fifteen seconds, the Code Search feature will automatically turn off.
2. Press and quickly release the correct product key (TV, VCR, etc.) from the row of Device Select Controls (9). The LED Indicator will blink and remain on.
 3. Enter the corresponding 3-digit code. After a valid code entry the LED Indicator turns off. In case of an invalid code entry, the LED will flash.
 4. With the unit (TV, DVD) on, press the Channel Up Button (5). If the TV responds, no further programming is needed. If it does not, try another code listed from your brand.
 5. **Please Note:** Some codes do not offer the Remote full access so you may have difficulties with one code. Try another until one works properly.
 6. If the unit does not respond after trying all the codes listed for your brand or if your brand is not listed, do a manual code search by doing the following steps.
 7. Manually turn on the unit to be controlled.
 8. Press and hold the Code Search Button until the LED stays on. Release the Code Search Button.
 9. Press and quickly release the correct product key (TV, VCR, etc.) from the row of Device Select Controls. The LED will blink off once.

IDENTIFYING CODE

1. To program the code into the Remote, first press Code Search Button until the LED Indicator turns on. Then release the button.
 2. Press and quickly release the correct product key (TV, VCR, etc.) from the row of Device Select Controls (9). The LED Indicator will blink and remain on.
 3. Press the Code Search Button again. Continue to do so until the LED Indicator stays on.
 4. To find the first code, enter the numbers (0-9) consecutively. When the LED light flashes, this will set the first code. Repeat until you find the second code and then the third code. You will find each code manually by pressing all ten keys to see which one responds.
 5. **Please note:** When the control is set and no keys have been pressed for fifteen seconds, the Code Search feature will automatically turn off.
10. Point Remote at unit you wish to control.
 11. Press the Power Button (3) repeatedly (it may take up to 300 times) until the device to be controlled changes channel. The LED will blink off with each press of the button.
 12. Press and release the Enter Button to install the code.
 13. **Please note:** Most users store their unit codes depending on the device, such as storing TV codes for TV. But you can store codes for other devices. For instance, you may store a DVD code under a cable and store something else under DVD. In order to do this, you must program that device code by direct code entry or search.

DIRECT CODE ENTRY

1. Press and hold the Code Search Button until the LED stays on. Release the Code Search Button.

Please note: If the device do not have a Channel Up Button and uses Play (VCR only) or Power instead, the code search starts from the currently stored three digits number under that mode.

AUTO CODE SEARCH

1. If your device does not respond after you have tried all the codes for your brand, or if your brand is not listed, try searching for your brand this way:
2. Manually turn on the unit to be controlled.
3. Press and hold the Code Search Button until the LED stays on. Release the Code Search Button.
4. Press and quickly release the correct product key (TV, VCR, etc.) from the row of Device Select Controls. The LED Indicator will blink off once.
5. Point Remote at unit you wish to control.
6. Press the Power Button down until the LED light stays on.
7. The LED light will keep flashing until device turns off.
8. Press and release the Enter Button to store the code.

CODE RETRIEVAL

1. Manually turn on the unit to be controlled.
2. Press and hold the Code Search Button until the LED stays on. Release the Code Search Button.
3. Press the correct product key (TV, VCR, etc.) you want to control.
4. Press the Code Search Button again. The LED should blink once.
5. Follow the sequence of (0)(9) and press once for each number button until the LED flashes once.
6. Repeat steps 2-8 from above until three correct codes are confirmed.
7. If the LED flashes, than you have entered an incorrect number. Please repeat the (0)(9) sequence.

USING THE REMOTE

1. Since the Remote controls more than one device, you must "tell" the Remote which device you wish to operate. If you wish to operate your TV, you must first press the TV key to put the Remote in the TV mode.
2. The Remote will stay in the selected mode (such as TV) until it is changed. If your

Remote is in TV mode, you must change the mode to operate other devices like DVD, VCR, satellite receiver or cable box. For example, if the Remote is in VCR mode and you wish to turn off the TV, first press the TV key before pressing the Power Button.

ON-SCREEN MENUS-ACCESSING AND SELECTING MENU ITEMS

1. To use a device's on-screen menu system, put the Remote in Menu mode
2. Verify devices are turned on and your TV is set to the devices' input (use the Input Button to toggle through video sources when in TV mode.)
3. Press device key of menu you want to access.
4. Press Menu Button. The LED light will blink, indicating you are in Menu mode.
5. Use the Volume and Channel control keys to navigate through the on-screen menu system.
6. To make a selection from the on-screen Menu, press the Menu, OK, Info, and then Enter keys to select the highlighted item.
7. **Please note:** If the Remote does not respond, make sure LED light is still blinking. Remember, it times out after fifteen seconds. If this happens, press the Menu Button again and retry selection.

EXITING MENU MODE

1. The Remote automatically times out of Menu mode after fifteen seconds without a key being pressed. Once this happens, the Remote will clear the displayed menu from the TV.
2. If you wish to exit the menu yourself, press the corresponding device key on the Remote (TV, DVD, VCR, etc.) The LED light will turn off.

SLEEP TIMER

1. This feature allows you to time how long the TV will remain on at night. It can range from 1 to 99 minutes. **Please note:** The Sleep Timer only works if you are programmed to your TV mode and have the Remote aimed at the TV.
2. To program the Sleep Timer, first press and release the TV Button.

3. Press and hold the Sleep Button for five seconds. The LED light will turn on.
4. Release the Sleep Button.
5. Using the number keys, enter the desired time in minutes (from 1 to 99). To set the Timer to time that is under ten minutes, press "0" and then the desired number ("05" for five minutes.) The LED light will blink with each pressed key.
6. Once the second number is entered, the LED turns off and the Sleep Timer is not set.
7. **Please note:** If you press any keys other than the numbers, they will be ignored. You will have ten seconds to program the Sleep Timer, otherwise the LED light will blink four times and exit the program.
8. Be sure to leave the Remote aimed at the TV. Once the Sleep Timer is set, you can continue to use the Remote without altering the Sleep Timer.
9. Please remember that the Remote must remain in TV mode for the Sleep Timer to activate.
10. To cancel the Sleep Timer, press and release the Sleep Button and the Power Button. This will reset the program to zero. The LED light will flashing, stating the time has been reset to Zero.

Record Serial Number Here: _____

Note: If product has no serial number, record month and year of purchase instead.

Note: No replacement parts are available.

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

PLEASE READ THE FOLLOWING CAREFULLY

THE MANUFACTURER AND/OR DISTRIBUTOR HAS PROVIDED THE PARTS LIST AND ASSEMBLY DIAGRAM IN THIS DOCUMENT AS A REFERENCE TOOL ONLY. NEITHER THE MANUFACTURER OR DISTRIBUTOR MAKES ANY REPRESENTATION OR WARRANTY OF ANY KIND TO THE BUYER THAT HE OR SHE IS QUALIFIED TO MAKE ANY REPAIRS TO THE PRODUCT, OR THAT HE OR SHE IS QUALIFIED TO REPLACE ANY PARTS OF THE PRODUCT. IN FACT, THE MANUFACTURER AND/OR DISTRIBUTOR EXPRESSLY STATES THAT ALL REPAIRS AND PARTS REPLACEMENTS SHOULD BE UNDERTAKEN BY CERTIFIED AND LICENSED TECHNICIANS, AND NOT BY THE BUYER. THE BUYER ASSUMES ALL RISK AND LIABILITY ARISING OUT OF HIS OR HER REPAIRS TO THE ORIGINAL PRODUCT OR REPLACEMENT PARTS THERETO, OR ARISING OUT OF HIS OR HER INSTALLATION OF REPLACEMENT PARTS THERETO.

TV CODES

ABEX	120
ADMIRAL	701 918
ADVENTURA	019
AIKO	407
AIWA	121 221
ALLERON	706
AMARK	603
AMTROM	906
AKAI	801
AMSTRAD	520
ANAM NATIONAL	104 805 901 906 920
AOC	002 003 102 119 217 302 502 814
APEX	023
ARCHER	603
AUDIOVOX	906
BANG&OLUFSEN	620
BELCOR	002
BELL&HOWELL	506 601 701
BRADFORD	906
BROKSONIC	215 316
BROKWOD	002
CANDLE	002 019 402 502
CAPEHART	119
CELEBRITY	801
CENTURION	502
CETRONIC	805
CHANGHONG	023
CITIZEN	002 112 319 402 407 502 512 701
	805 906
CLARITONE	003
CLASSIC	023 805
CLP	041
CLP CLASSIC	005 008 003
COLORTYME	002 502 602
CONCERTO	002 502
CONCERGE	713
CONTECJCONY	003 802 805 902 906
CORNEA	606
CRAIG	805 906
CROWN	805 906
CURTIS MATHES	002 103 112 502 506 512 601 614
	701 704 908
CXC	805 906
DAEWOO	002 102 110 214 303 311 314 403
	407 415 502 503 611 614 805 809
DAYTRON	002 502
DIMENSA	601 704
DUMONT	002 713

DYNASTY	805
ELEKTRA	701
ELECTROBAND	003 801
ELECTROHOME	002 502 803 901
ELITE	321
EMERSON	002 003 004 005 104 105 106 115
	117 204 205 213 304 305 316 319
	405 421 502 505 506 519 520 604
	605 705 706 804 805 903 904 905
	906
ENVISION	002 502
FISHER	506 522 619 902
FUJITSU	321 706
FUNAI	117 421 520 706 805 906
FUTURETEC	805 906
GATEWAY	206
GE	002 006 007 018 103 107 114 310
	312 502 601 704 803 806 810 901
	911
GERALTER	002 713
GOLDSTAR	002 102 117 207 217 307 502 818
GRUNDY	706 906
HAIER	223 323
HALLMARK	002 502
HARVARD	906
HITACHI	002 016 116 216 315 410 502 507
	515 519 607 701 707 710 715 815
	902 915
HIMA	906
INFINITY	807
INTEGRA	719
INTEQ	713
JANEIL	019
JBL	807
JCB	801
JC PENNEY	002 007 102 103 107 112 310 312
	402 502 512 601 604 704 803 806
	818
JENSEN	002 502
JVC	007 107 108 308 321 510 607 902
KAWASHO	002 502 801
KAYPANI	119
KEC	805
KENWOOD	002 502
KLOSS NOVABEAM	019 408 508
KONKA	203 208 219 306 317 417
KTV	003 213 319 608 703 805 906
LG	606

TV CODES CONTINUED

LODGENET	601 701
LOEWE	722 807
LOGIK	601 701
LUXMAN	002 502
LXI	002 103 312 502 506 512 601 704
	807
MAGNAVOX	002 009 109 118 309 402 408 502
	508 510 807 917
MAJESTIC	601 701
MARANTZ	002 502 719 807
MEGATRON	002 502 507
MEI	003
MEMOREX	002 115 502 506 601 701 706
MGA	002 102 502 619 706 803
MIDLAND	007 103 107 312 713 818
MINUTZ	806
MITSUBISHI	002 102 502 510 619 706 709 716
	803 814
MONTGOMERY WARD	601 701
MOTOROLA	901 918
MTC	002 003 102 112 502 512
MULTITECH	906
MULTIVISION	010
NAD	002 120 502 512
NEC	002 102 110 111 502 510 602 719
	901
NIKEI	805
NIKKO	002 407 502
NTC	407
ONKING	805
ONWA	805 906
OPTIMUS	120 618
OPTIONICA	111 918
ORION	105 115 713
PANASONIC	007 107 416 608 618 718 807 901
PHILCO	002 009 102 109 309 402 408 502
	508 807 901
PHILIPS	002 009 020 109 122 202
	210 222 310 322 402 408 422 508
	510 622 807 822 901 917 919 922
PHILIPS/MAGNAVOX	020 022 422 919 922
PILOT	002
PIONEER	002 120 502 519 610 808
PORTLAND	002 102 407 502
PRECISION	218
PRICE CLUB	112
PRISM	107
PROSCAN	103 312 601 704
PROTON	002 119 220 502 820 910
PULSAR	713
PULSER	002
QUASAR	007 107 416 608 618 718 807 901
RADIO SHACK-REALISTIC	002 021 111 117 406 502 506 601
	618 704 705 805 818 906
RCA	002 021 011 102 103 114

RHAPSODY	003
RUNCO	713
SAMPO	002 119 206 502 818
SAMSUNG	002 012 102 103 112 209 212 502
	512 818
SAMSUX	502
SANSUI	115 215
SANYO	002 412 506 522 612 619 902
SCOTCH	002 502
SCOTT	002 004 105 502 706 805 906
SEARS	002 103 112 312 502 506 512 520
	601 706 612 619 704 902
SHAPP	002 013 014 111 502 509 712 812
	813 907 913 918
SHOGUN	002
SIGNATURE	601 701 903
SIMPSON	402
SONIC	003
SONY	202 414 708 801
SOUNDESIGN	002 402 502 706 805 906
SPECTRAVISION	921
SOUARVIEW	520
SSS	002 805 906
STARLITE	906
SUPREMACY	019
SUPREME	801
SYLVANIA	002 009 109 117 309 402 408 421
	502 508 520 717 807 917
SYMPHONIC	117 421 520 904 906
TANDY	918
TATUNG	901
TECHNICS	007 107
TECHWOOD	002 007 107 502
TEKNIKA	002 019 102 112 402 407 502 512
	706 601 618 701 805 902 906
TELECATION	313
TELERENT	601 701
TERA	002 220
TMK	002 502
TOSHIBA	112 313 413 419 506 510 512 517
	613 618 902
UNIVERSAL	310 806
VICTOR	607
VIDTECH	002 102 502
VIEWSONIC	206
Viking	019
WARDS	002 004 009 102 109 111 310 402
	408 502 508 513 601 701 704 706
	806 807
WHITE WESTINGHOUSE	117 311 611 614
YAMAHA	002 102 502 618
ZENITH	002 008 015 113 115 215 405 407
	409 507 601 606 701 710 713 714
	903 908 916

VCR CODES

ADMIRAL	224
ADVENTURA	726
AIKO	826
AJWA	126 324 528 726
AKAI	027 235 335 424 524 624 724 924
ALLEGRO	326 534 925
AMERICAN HIGH	130 226
ASHA	537
AUDIO DYNAMICS	025 436
AUDIOVOX	525
BELL & HOWELL	428
BEAUMARK	537
BROKSONIC	227 325 530 626 632
CALIX	525
CANDLE	025 026 525 537 625 725 825
CANNON	130 226 535 635
CABEHART	534
CARVER	330
CCE	230 826
CITIZEN	025 026 525 537 625 725 825 826
COLORTYME	025
COLT	230
CRAIG	230 426 525 537
CURTI SMATHES	025 035 124 130 226 324 437 526
	537 635 725
CYBERNEX	537
DAEWOO	026 035 529 625 626 726 825 826
	926
DBX	025 436
DIMENSIA	124
DYNATECH	324 726
ELECTROHOME	027 525
ELECTROPHONIC	525
EMERSON	027 127 128 130 226 227 228 247
	324 325 327 428 525 526 527 528
	537 625 626 628 630 634 724 726
	727 735 827 828 924 927
FISHER	025 029 032 129 328 330 426 428
	928
FUJII	130 226 524
FUNAI	324 247 726 924
GARRARD	726
GE	124 130 136 226 429 537 635 835
GOLDSTAR	025 236 525
GRADIENTE	726
GO-VIDEO	139 438 537
HARLEY DAVIDSON	726
HARMAN KARDON	025 930
HARWOOD	230
HEADQUARTER	428
HITACHI	136 235 324 336 538 629 638 829
	834

HI-Q	426
INSTANT REPLAY	130 226 924
INTEQ	525
JCL	130 226
JC PENNEY	025 130 235 428 436 525 537 629
	635 834 935
RHAPSODY	003
RUNCO	713
SAMPO	002 119 206 502 818
SAMSUNG	002 012 102 103 112 209 212 502
	512 818
SAMSUX	502
SANSUI	115 215
SANYO	002 412 506 522 612 619 902
SCOTCH	002 502
SCOTT	002 004 105 502 706 805 906
SEARS	002 103 112 312 502 506 512 520
	601 706 612 619 704 902
SHARP	002 013 014 111 502 509 712 812
	813 907 913 918
SHOGUN	002
SIGNATURE	601 701 903
SIMPSON	402
SONIC	003
SONY	202 414 708 801
SOUNDESIGN	002 402 502 706 806 906
SPECTRAVISION	921
SQUAREVIEW	520
SSS	002 805 906
STARLITE	906
SUPREMACY	019
SUPREME	801
SYLVANIA	002 009 109 117 309 402 408 421
	502 508 520 717 807 917
SYMPHONIC	117 421 520 904 906
TANDY	918
TATUNG	901
TECHNICS	007 107
TECHWOOD	002 007 102 502
TEKNIKA	002 019 102 112 402 407 502 512
	706 601 618 701 805 902 906
TELECATION	313
PHILCO	130 226 330 635
PHILIPS	130 226 330 430 434 439 536 631
	734 738 934 937
PHILIPS/MAGNAVOX	434 934
PILOT	525
PIONEER	132 232 436 629
PORTLAND	026 725 825
PROSCAN	124

VCR CODES CONTINUED

PROTEC	230
PULSAR	534
QUARTER	428
QUARTZ	428
QUASAR	039 130 635 636 937
RCA	033 124 130 133 135 136 226 233 424 432 532 537 629 635 636 732 832 834 835 837 932
RADIOSHACK	027 029 124 129 130 224 226 324 335 426 428 525 537 631 636 726 737 835 837 937
RADIX	525
RANDEX	525
REALISTIC	027 029 124 129 130 224 226 324 335 426 428 525 537 631 635 726 737 837 937
REPLAY	938
RICOH	936
RUNCO	534
SAMSUNG	037 335 429 537 624 625 629
SANKY	224 534
SANSUI	235 436
SANYO	032 328 426 428 537
SCOTT	325 327 433 625 626 630 735 927
SEARS	029 129 130 226 330 426 428 525 629 834 928 935
SHARP	027 224 324 338 631 637 737 825
SHANTOM	230 337 524 629 936
SHOGUN	537
SIGNATURE	324

SINGER	130 226 230
SONY	034 038 138 238 524 539 639 838 936
STS	130 226 629 834
SYLVANIA	130 247 324 330 536 630 635 726 924
SYMPHONIC	225 247 324 726 924
TANDY	324 428
TASHIKO	525
TATUNG	235
TEAC	235 324 726
TECHNICS	130 226
TEKNIKA	130 134 226 324 525 726
TIVO	738 838
TOSHIBA	029 330 433 625 629 630 735
TOTEVISION	525 537
TNK	526 537 828
UNITECH	537
VEECORRESEARCH	025 436 625 725
VICTOR	436
VIDEO CONCEPTS	025 027 436 625 725
VIDEOSONIC	537
WARDS	027 130 224 226 230 234 324 426 525 537 625 629 631 726 735 834
WHITE WESTINGHOUSE	324 924
XR-1000	130 226 230 726
YAMAHA	025 235 428 436
ZENITH	030 036 125 326 436 437 524 525 534 632 638 729 824 925 929 936

LASER DISC CODES

DENON	132
PIONEER	132
PROSCAN	432
RCA	432

SANYO	824
SONY	933
ZENITH	824

DVD CODES CONTINUED

AWA	043
AKAI	141
AMES	744
APEX	044 146 347 545 547 640 644 740
	741 840
A-TREND	940
BROKSONIC	041
CLASSIC	744
CYBERHOME	940
DAEWOO	046 645 745
DENON	641 743
DIGITREX	146
ELTA	045 145
EMERSON	241 247 447
FISHER	243
FUNAI	247 447
GE	644 941
GOLDSTAR	241
GO-VIDEO	147 244 342
GRADIENTE	143
HARMAN/KARDON	344
HITACHI	042 543
HITEKER	146
INTEGRA	843
JVC	242 443
KENWOOD	544 641
KLH	644
KONKA	642 742842 942
KOSS	143
LASONIC	047
LG	241
MAGNAVOX	441 442
MARANTZ	241 441 442
MICROSOFT	941
MINTEK	644
MINI-SUBSHI	841

MUSTEK	744
NAD	241 944
NAKAMICHI	844
ONKYO	843
OPTINUS	042
ORITRON	143
PANASONIC	641
PACIFIC	246
PHILIPS	441 442 943
PIONEER	042
PROLINE	143
PROSCAN	941
RADIOSHACK	546 945 946
REOC	746
RCA	546 644 941 945 946
SAMSUNG	147 342
SAMPO	343
SANSUI	041
SANYO	243
SEG	444
SHARP	341
SHERWOOD	144
SINCO	644
SONY	540 541
SYLVANIA	247 447
SYMPHONIC	247 447
TEAC	042
TECHNICS	641
TEVION	246 446 646 746 846
THETA DIGITAL	042
TOSHIBA	041 245 346 441
UNITED	546
WHARFEDALE	845
YAMAHA	641 643
YAMAKAWA	445
ZENITH	142 241 345

CABLE CODES

ABC	048 148 248 747 847 947
ADELPHI	261
ALLEGRO	054 154
AMERICAST	354
ANTRONIX	448 548
ARCHER	448 548 648 748
AT & T	752
CABLETENNA	448
CABLEVIEW	448
CENTURY	748
CIFIZEN	748
COLOUR VOICE	848 948
COMTRONICS	049 149
CONTEC/CONY	249
EASTERN	349
GARRARD	748
GC ELECTRONICS	548
GEMINI	255 449 549
GE	556
GENERAL INSTRUMENT	053 453 454 552 554 654 752 754
	947 952
HAMLIN	649 749 849
HITACHI	947
HYTEK	847
JASCO	748
JERROLD	048 050 148 254 449 454 552 554
	652 747 752 947
MAGNAVOX	150
MEMOREX	250
MOTOROLA	048 050 053 148 254 449 453 454
	552 554 652 654 747 752 754 947
	952
MOVIE TIME	350 847
NSC	350 847
OAK	249 550 847
PACE	854
PANASONIC	452 647
PARAGON	250
PHILIPS	150 549 650 748 750 848 850 948
PHILIPS/MAGNAVOX	055 152
PIONEER	051 451 950
PULSAR	250
RADIO SHACK	055 152 154
RCA	352 647
REALISTIC	548
REGAL	849

REGENCY	349
REMNRANDT	947
RUNCO	250
SAMSUNG	049 051
SCIENTIFIC ATLANTA	155 248 251 261 351 362 451 463
SIGNAL	049 499
SIGNATURE	947
SLMARX	049
SPRUCER	647
STANDARD COMPONENTS	551
STARCOM	449 747
STARGATE	049 449
STAR SIGHT	653
STARLIGHT CABLE SERVICE	352
STARQUEST	449
STAR TRAK	253
TANDY	651
TELEVIEW	049
TELEWEST	854
TEXSCAN	551
TOCOM	048 751 952
TOSHIBA	250
TUSA	449
TV86	350
UNIKA	448 848 748
UNITED ARTISTS	847
UNITED CABLE	747
UNIVERSAL	448 548 648 748 851
VIDEOWAY	052
SAMSUNG DSS	061 263 962
SHARP	062
SERRA	757
SONY DSS	160 367 963
STARCHOICE	166 364 665
STAR SIGHT	964
STAR TARK	462
STS	458/ 658 758
SUPER GUIDE	562
THOMSON	063
TOSHIBA	858
TOSHIBA DSS	064 164 764
UNIDEN	762 958
UNIDEN DSS	964
VIDEO CIPHER	059
ZENITH	059 065 161 163 165 266 267 360
	363 857 957

SATALITE CODES

AMPLICA	159
BELL EXPRESSVU	067 366 464
CHANNEL MASTER	359 459 559
CHAPPARAL	657 757
CHEYENNE	757
DRAKE	059 360 857
DISH NETWORK	067 167 366 460 464 466 560 660
DX ANTENNA	458 859
ECHOSPHERE	464
ECHOSTAR	067 366 460 464 560 660
FUJITSU	760 860
GE	265 863
GEMINI	161
GENERAL INSTRUMENTS	058 066 158 166 258 665 865 960 965
HITACHI DSS	765 864
HUGHES SATELLITE DSS	465 564 664 864 964
JERROLD	361
JVC	466
KENWOOD	461
LUXOR	561
MAGNAVOX DSS	259 565 862
MACOM STATE	661
NORSTAT	761
PACE	063 163 266

PANASONIC DSS	260 264
PRIMESTAR	364 665
PHILIPS	259 565 862
PHILIPS/MAGNAVOX	259 565 862
PIONEER	060
PROSCAN	265 863
RCA DSS	265 365 467 566 866 966
REALISTIC	358 961
SAMSUNG DSS	061 263 962
SHARP	062
SIERRA III	757
SONY DSS	160 367 963
STARCHOICE	166 364 665
STAR SIGHT	964
STAR TRAK	462
STS	458 658 758
SUPER GUIDE	562
THOMSON	063
TOSHIBA	858
TOSHIBA DSS	064 164 764
UNIDEN	762 958
UNIDEN DSS	964
VIDEO CIPHER II	059
ZENITH	059 065 161 163 165 266 267 360 363 857 957

DVD/VCR COMBO SYSTEM CODES

GO-VIDEO	147
JVC	239
PHILIPS	442
SAMSUNG	147

SANSUI	041
SANYO	328 243
SONY	540

TV/VCR COMBO PAIRS CODES

ADMIRAL	(113 224)(014 224)
AIWA	(117 324)(117 924)
APEX	(023 741)
BROKSONIC	(215 632) (512 041)
CANDLE	(916 525)
CURTIS MATHES	(908 437)
DAEWOO	(311 826)(415 529) (505 826)
EMERSON	(117 324)(117 924) (205 228) (421 247)(505 826)
FISHER	(522 428)
FUNAI	(117 324)(117 924)(421 247)
GE	(021 835)(811 835)
GOLDSTAR	(117 324)(713 435) (916 525) (117 924)
HITACHI	(117 324)
INFINITY	(807 330)
KONKA	(317 842)(417 942)
LG	(117 324)(713 435)(916 525)
LXI	(117 324)
MAGNAVOX	(113 224)(807 330)
MEMOREX	(522 428)

PANASONIC	(416 937)
PHILIPS	(807 330)(822 430)
PHILIPS/MAGNAVOX	(922 434)
QUASAR	(416 937)
RCA	(021 835)(811 835)
RADOSHACK	(021 835)(811 835)
SAMSUNG	(908 037)(908 437)
SANSUI	(215 632)(512 041)
SANYO	(522 428)
SEARS	(512 041)
SHARP	(014 224)
SONY	(414 639)(801 639)
SYLVANIA	(117 324)(117 924)(421 247)
SYMPHONIC	(117 324) (117 924) (421 247)
TOSHIBA	(512 041)
WHITE WESTINGHOUSE	(117 324)(117 924)
ZENITH	(041 224)(113 224)(117 324) (117 924)(205 228)(215 632) (311 826)(505 826)(713 435) (713 534)(807 330)(908 437) (916 525)